

Fig. 1A

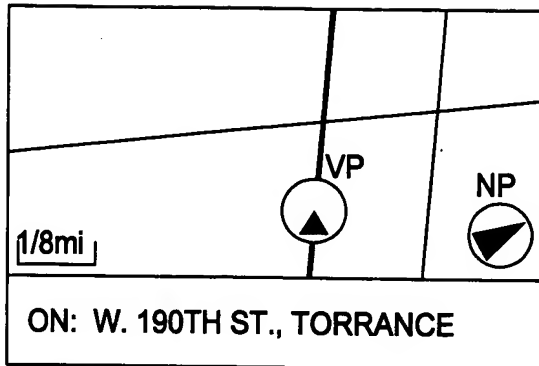


Fig. 1B

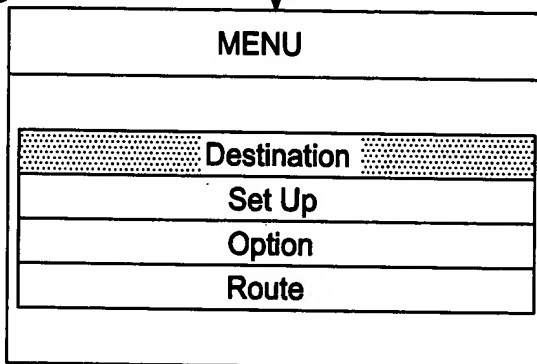


Fig. 1C

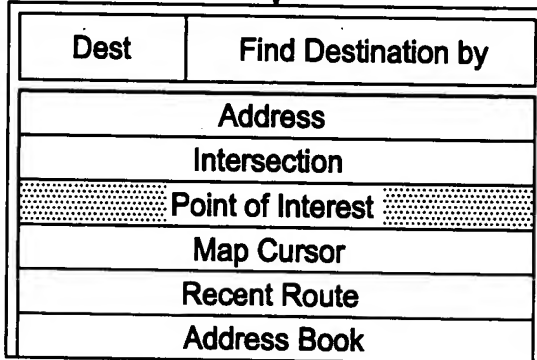


Fig. 1D

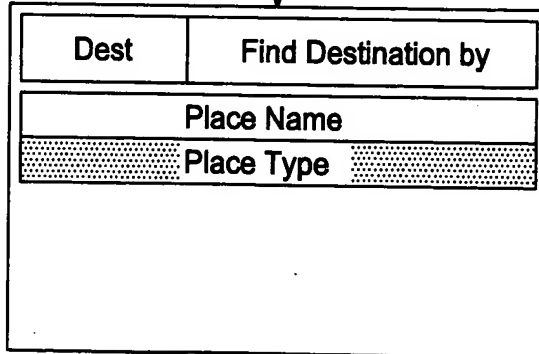


Fig. 1E

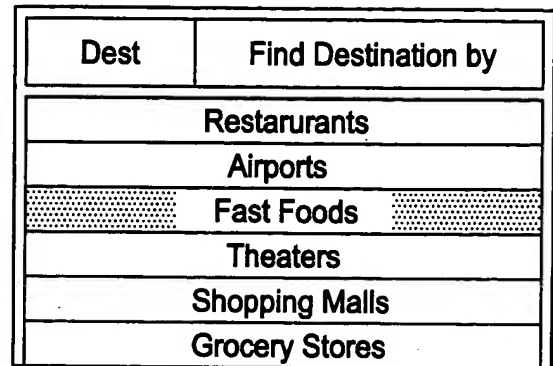


Fig. 1F

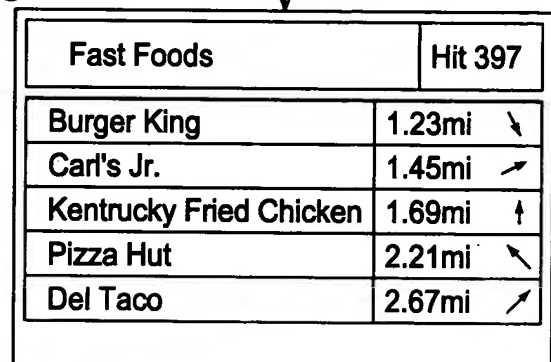


Fig. 1G

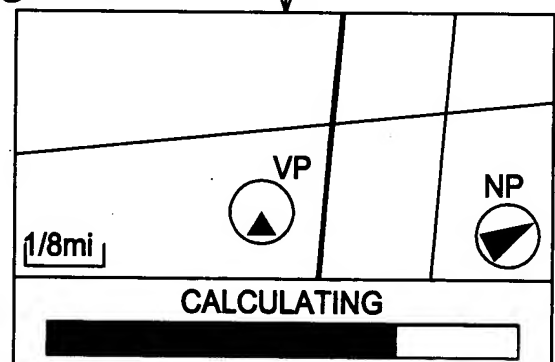


Fig. 1H

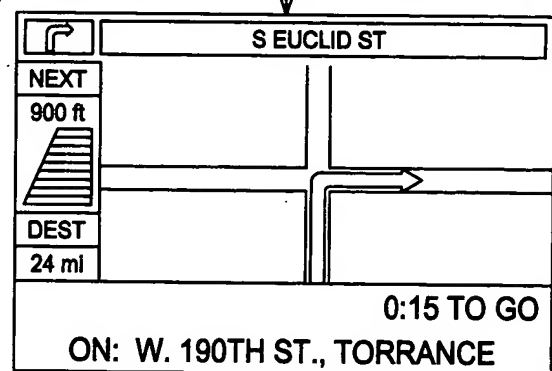


Fig. 2

Dest	Select Place Name	
9	Wendy's	1.2mi ↗
	McDonald's	1.3mi ↘
9	Taco Bell	1.7mi ↖
	Sam Woo Restaurant	2.3mi ↑
9	Citylight Hamberger	2.5mi ↗
9	Joe's Barbecue	3.2mi ↘

Fig. 3

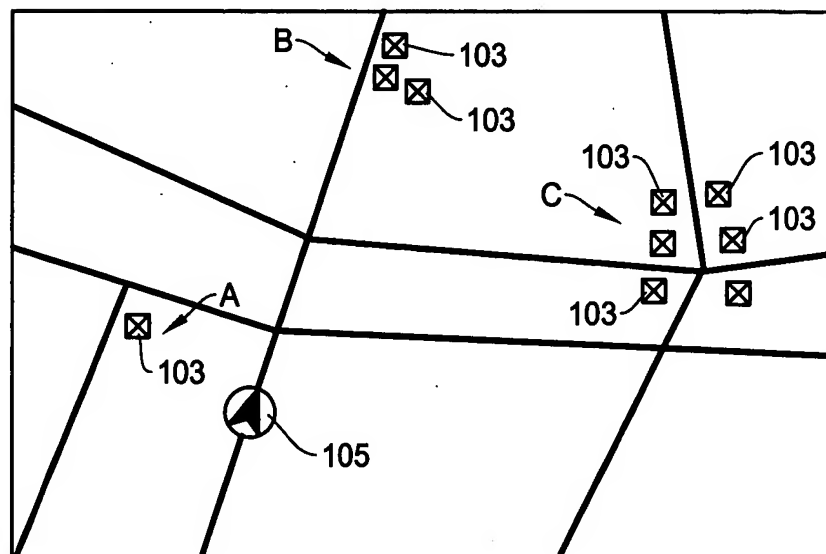


Fig. 4

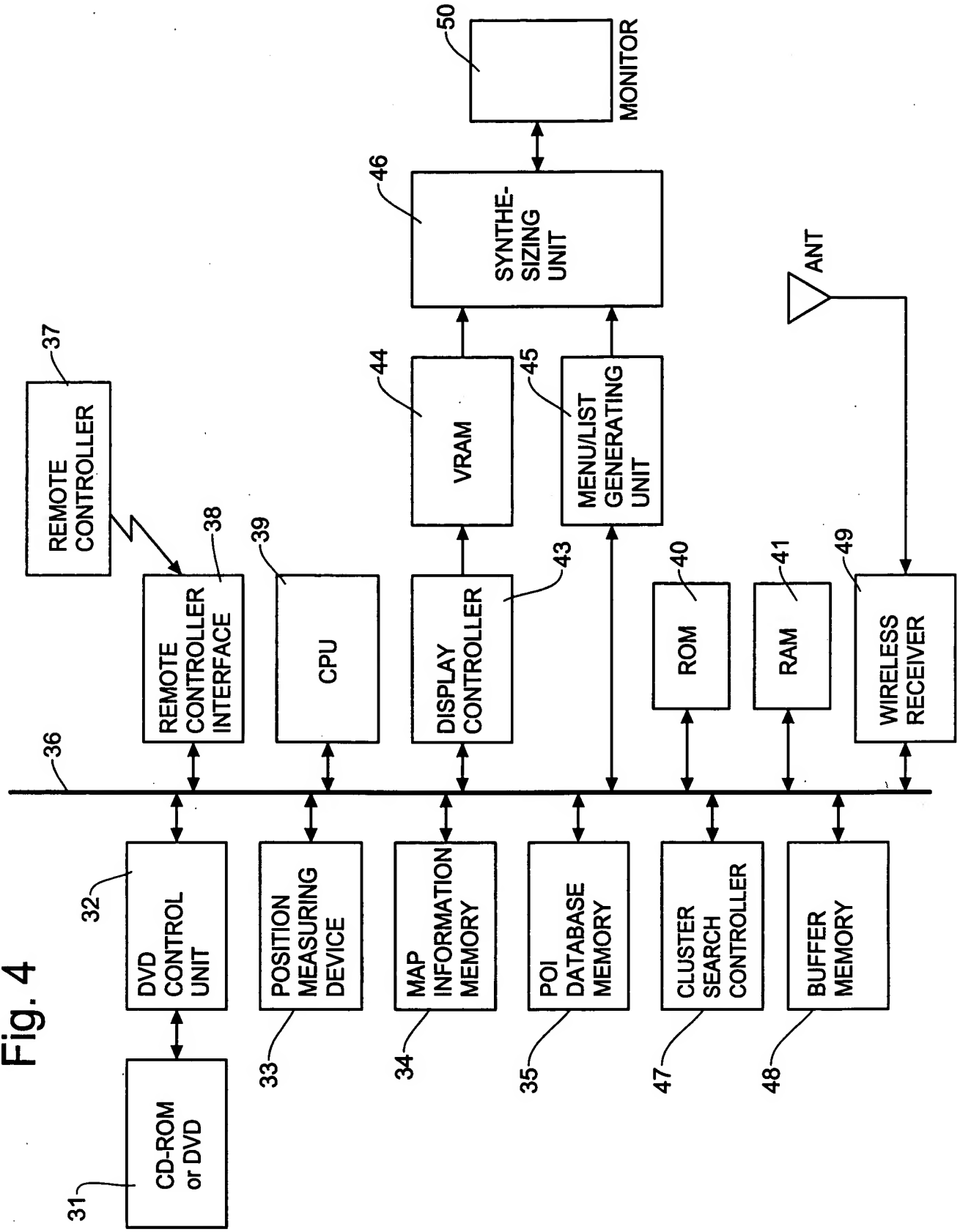


Fig. 5

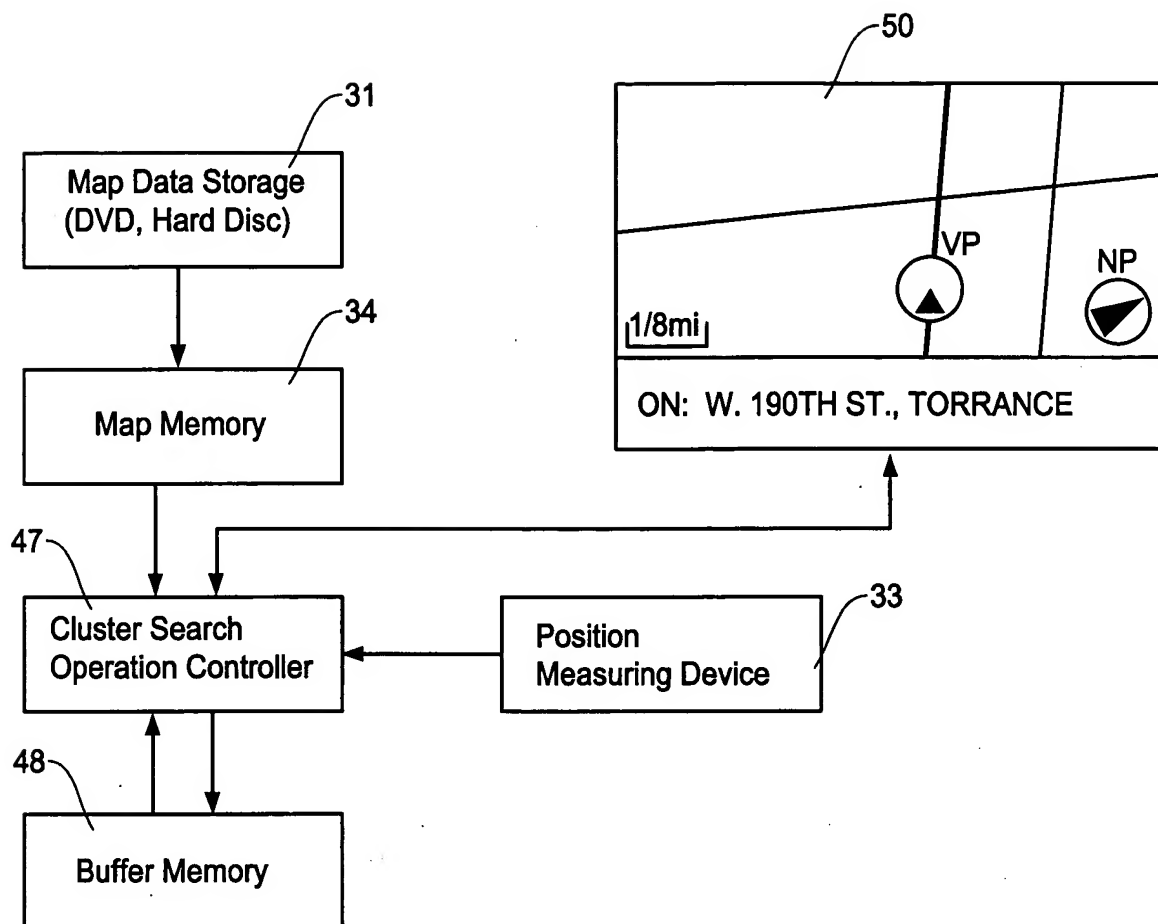


Fig. 6

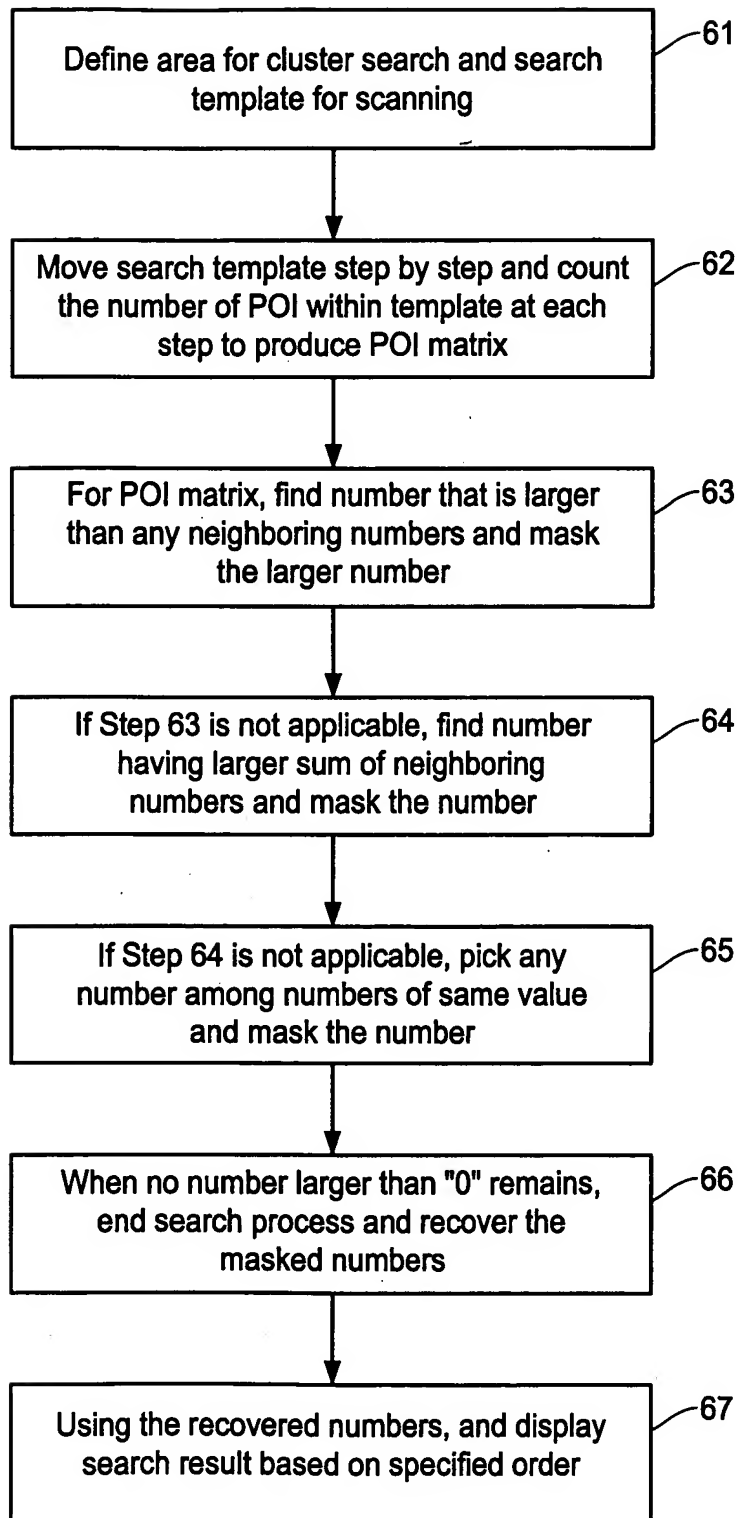


Fig. 7A

Dest	Select Place Type	Cluster Search
Restaurants		
Airports		
Fast Foods		
Theaters		
Shopping Malls		
Grocery Stores		

Fig. 7B

Fast Food Restaurants		Cluster Search
Cluster Center Place	Cluster Size	Distance Direction
Taco Bell	14	1.7mi ↗
Wendy's	13	3.3mi ↘
McDonald's	12	1.3mi ↙
Sam Woo Restaurant	9	2.3mi ↑
Citylight Hamberger	5	1.9mi ↗
Joe's Barbecue	3	3.2mi ↘

Fig. 8A

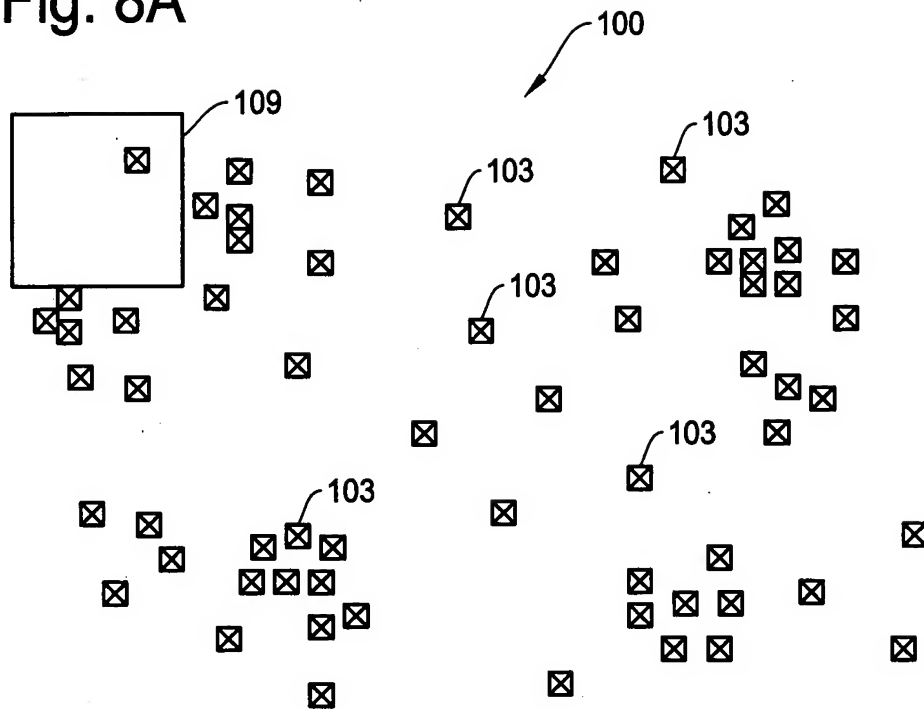


Fig. 8B

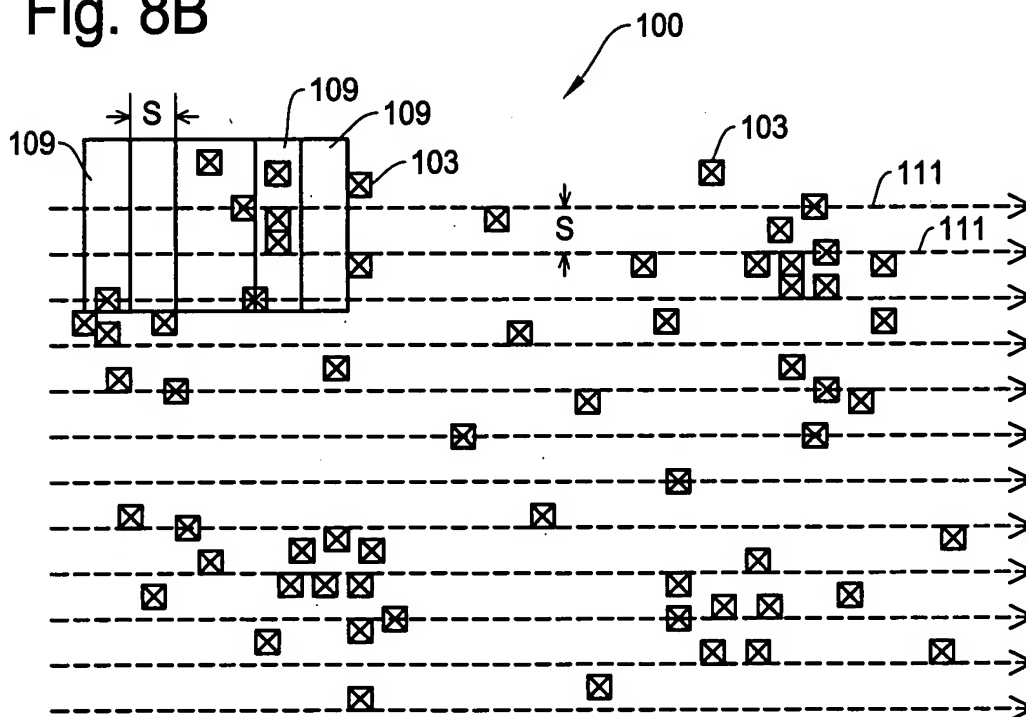


Fig. 9A

100

1	1	2	3	1	2	2	1	1	0	1	2	1	1
2	1	1	2	2	1	2	1	0	3	5	4	3	2
3	2	3	3	5	2	1	1	0	0	3	4	2	1
1	2	2	2	2	1	1	0	0	0	1	2	1	0
2	3	5	1	1	1	0	0	0	0	0	1	0	0
1	2	2	1	1	1	1	0	0	0	1	2	1	0

Fig. 9B

100

1	1	2	3	1	2	2	1	1	0	1	2	1	1
2	1	1	2	2	1	2	1	0	3	5	4	3	2
3	2	3	3	5	2	1	1	0	0	3	4	2	1
1	2	2	2	2	1	1	0	0	0	1	2	1	0
2	3	5	1	1	1	0	0	0	0	0	1	0	0
1	2	2	1	1	1	1	0	0	0	1	2	1	0

209(1) points to the 3 in row 1, column 4.
 209(2) points to the 5 in row 2, column 11.
 209(3) points to the 3 in row 3, column 1.
 209(5) points to the 5 in row 5, column 4.
 209(6) points to the 2 in row 6, column 12.

Fig. 9C

100

1	1	-	X	-	2	2	1	1	-	-	-	1	1
-	-	-	-	-	1	2	1	0	-	X	-	3	2
X	-	3	-	X	-	1	1	0	-	-	-	2	1
-	-	-	-	-	-	1	0	0	0	1	2	1	0
2	-	X	-	1	1	0	0	0	0	-	-	-	0
1	-	-	-	1	1	1	0	0	0	-	X	-	0

Fig. 9D

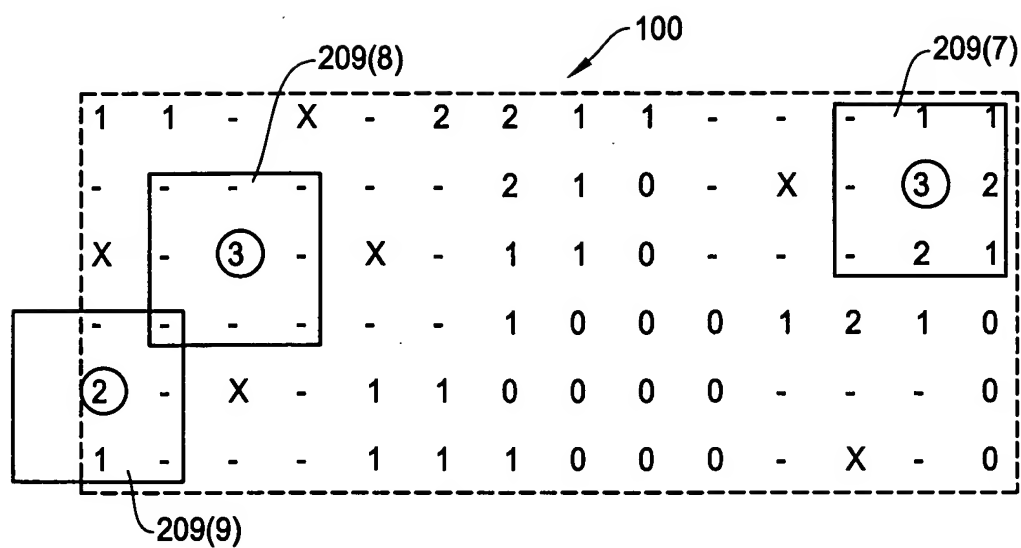


Fig. 9E

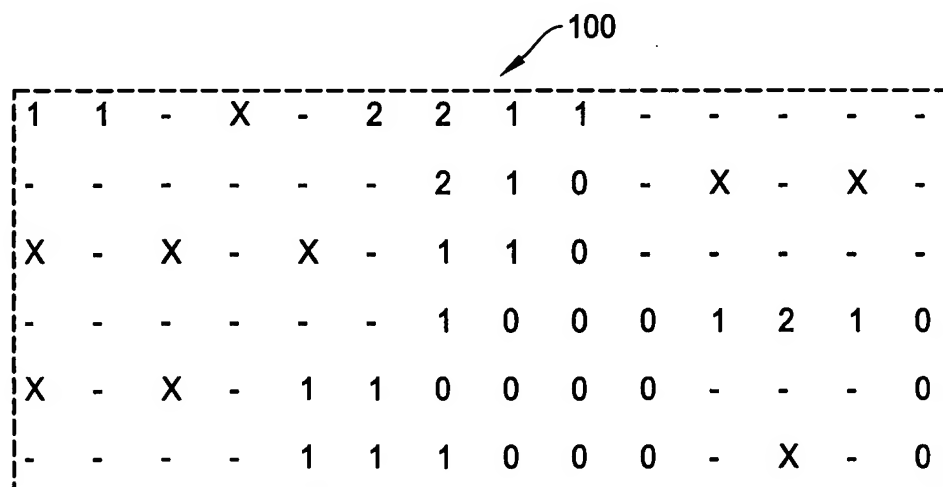


Fig. 9F

100

1	1	-	X	-	2	2	1	1	-	-	-	-	-
-	-	-	-	-	-	2	1	0	-	X	-	X	-
X	-	X	-	X	-	1	1	0	-	-	-	-	-
-	-	-	-	-	-	1	0	0	0	1	2	1	0
X	-	X	-	1	1	0	0	0	0	-	-	-	0
-	-	-	-	1	1	1	0	0	0	-	X	-	0

209

Fig. 9G

100

1	1	-	X	-	2	2	1	1	-	-	-	-	-
-	-	-	-	-	-	2	1	0	-	X	-	X	-
X	-	X	-	X	-	1	1	0	-	-	-	-	-
-	-	-	-	-	-	1	0	0	0	-	X	-	0
X	-	X	-	1	1	0	0	0	0	-	-	-	0
-	-	-	-	1	1	1	0	0	0	-	X	-	0

Fig. 9H

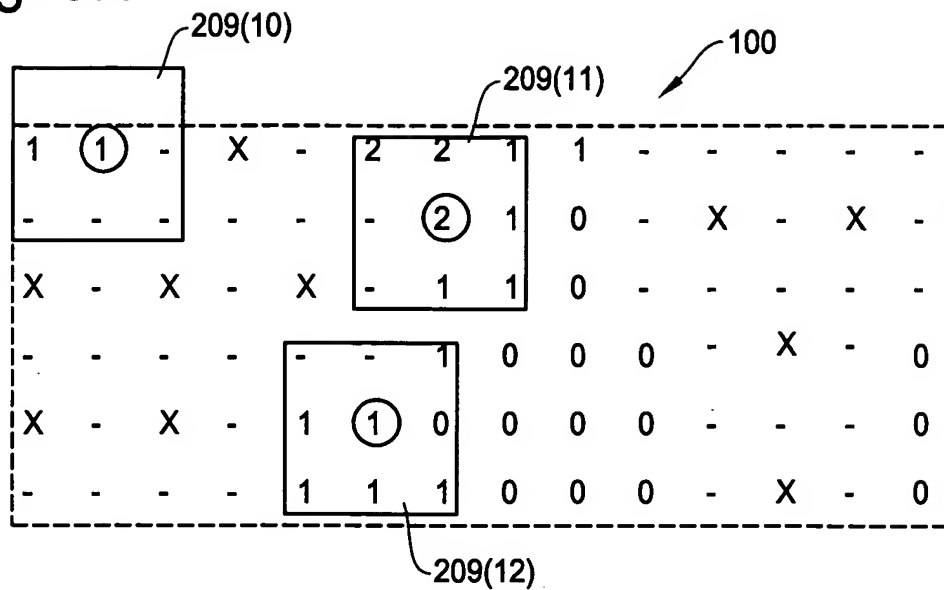


Fig. 9I

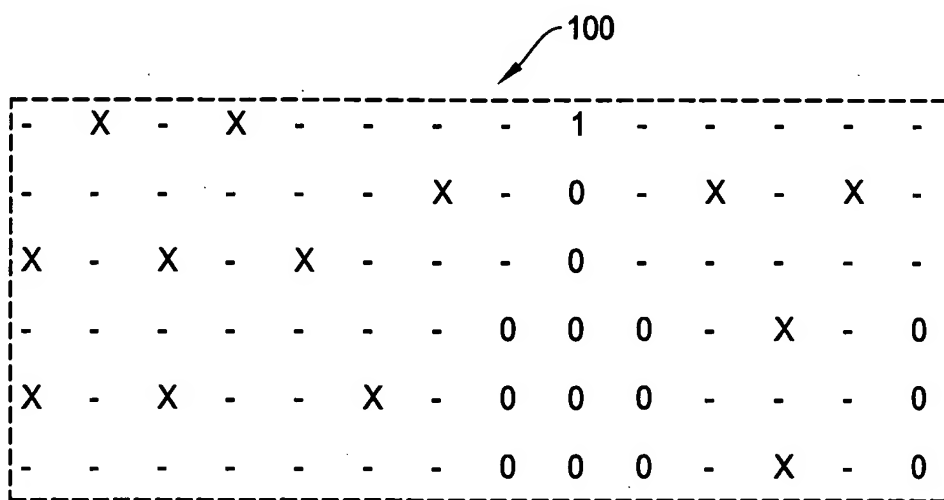


Fig. 9J

209

100

-	X	-	X	-	-	-	-	(1)	-	-	-	-	-
-	-	-	-	-	-	X	-	0	-	X	-	X	-
X	-	X	-	X	-	-	-	0	-	-	-	-	-
-	-	-	-	-	-	-	0	0	0	-	X	-	0
X	-	X	-	-	X	-	0	0	0	-	-	-	0
-	-	-	-	-	-	-	0	0	0	-	X	-	0

Fig. 9K

100

-	X	-	X	-	-	-	-	X	-	-	-	-	-
-	-	-	-	-	-	X	-	-	-	X	-	X	-
X	-	X	-	X	-	-	-	0	-	-	-	-	-
-	-	-	-	-	-	-	0	0	0	-	X	-	0
X	-	X	-	-	X	-	0	0	0	-	-	-	0
-	-	-	-	-	-	-	0	0	0	-	X	-	0

Fig. 9L

100

-	1	-	3	-	-	-	-	1	-	-	-	-	-
-	-	-	-	-	-	2	-	-	-	5	-	3	-
3	-	3	-	5	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	1	-	-	-	-	2	-	-
2	-	5	-	-	1	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	2	-	-

Fig. 9M

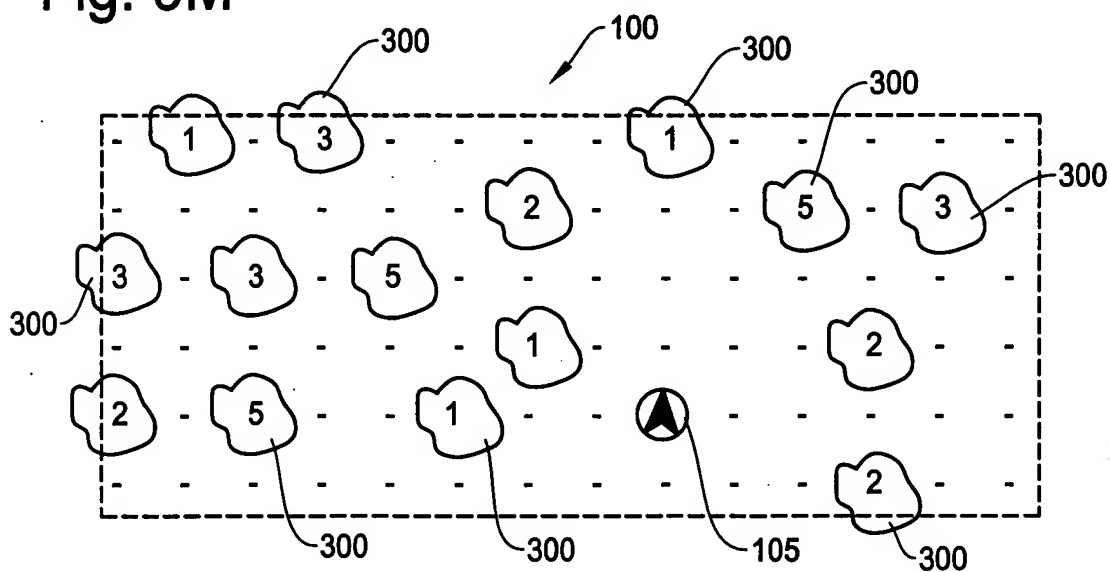


Fig. 10A

Fast Food Restaurants			Cluster Search	
Cluster Center Place		Cluster Size	Distance	Direction
1	Taco Bell	14	1.7mi	↗
2	Wendy's	13	3.3mi	↖
3	McDonald's	12	1.3mi	↙
4	Sam Woo Restaurant	9	2.3mi	↑
5	Citylight Hamberger	5	1.9mi	↗
6	Joe's Barbecue	3	3.2mi	↘
List Within Cluster			View on Map	

Fig. 10B

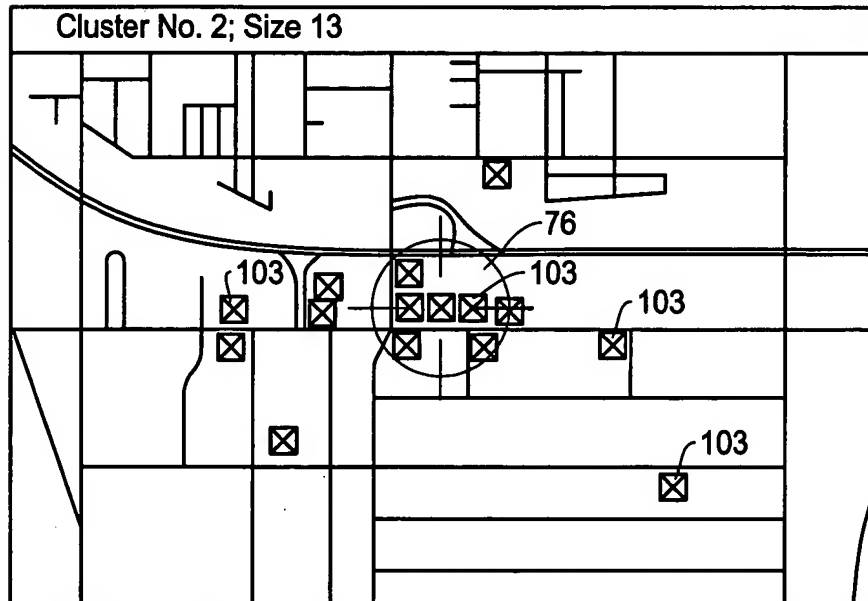


Fig. 11A

Fast Food Restaurants			Cluster Search	
Cluster Center Place		Cluster Size	Distance Direction	
1	Taco Bell	14	1.7mi	↗
2	Wendy's	13	3.3mi	↖
3	McDonald's	12	1.3mi	↘
4	Sam Woo Restaurant	9	2.3mi	↑
5	Citylight Hamberger	5	1.9mi	↗
6	Joe's Barbecue	3	3.2mi	↘
List Within Cluster			View on Map	

Fig. 11B

Custer No. 2: Size 13		
	Distance from Center	Direction
Wendy's	0.0mi	↗
KK Stakehouse	0.1mi	↖
Tip Top Pretzel	0.1mi	↘
McDonald's	0.2mi	↑
KFC	0.3mi	↗
Dunkin Donuts	0.4mi	↘

Fig. 12A

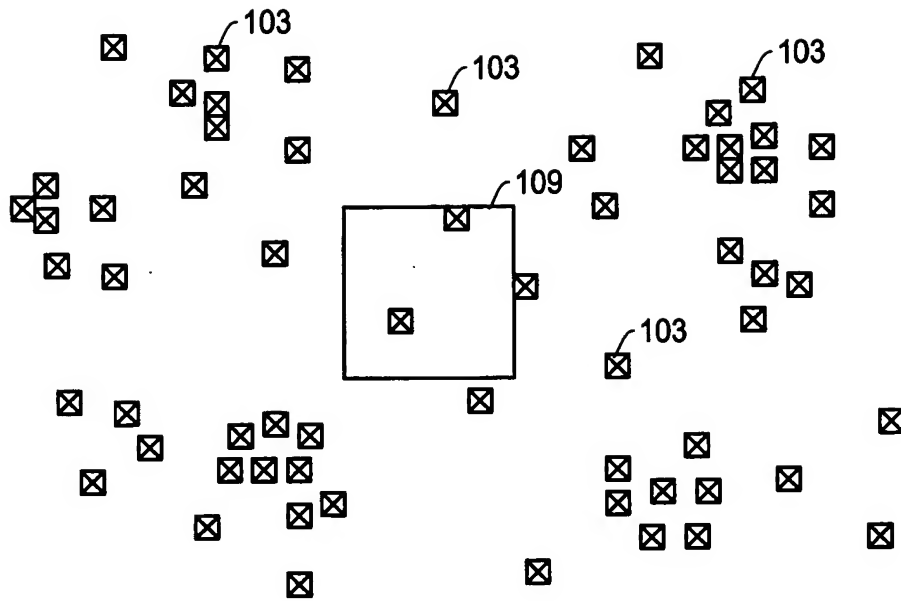


Fig. 12B

